

I Carey Garner of Garner Poultry Farm in Pickett County at 9919 Highway 111

Byrdstown, TN 38549 on 3-15-17 Have sold Garner Poultry Farm to

Bryant Smith, They will take ownership on 4-15-17 and

are going to operate the poultry operation under the same Nutrient Management Plan that is currently accepted by TDA And TDEC for the rest of the permit coverage time. Attached is the NMP that was developed in March of 2015 and maps of the property as well as a new NOI showing the new operators of the Facility to have permit coverage moved to them and not to Garner Poultry Farm.

Carey Garner Date 3-15-17

Carey Garner

Garner Poultry Farm

Bryant Smith Date 3-15-17

New Facility owner

RECEIVED

MAR 24 2017

ENVIRONMENT & CONSERVATION
COOKEVILLE FIELD OFFICE



Tennessee Department of Environment and Conservation,
Division of Water Resources
William R. Snodgrass-Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor, Nashville, TN 37243
(615) 532-0625

RECEIVED

MAR 24 2017

CONCENTRATED ANIMAL FEEDING OPERATION (CAFO)
STATE OPERATING PERMIT (SOP)
NOTICE OF INTENT (NOI)

ENVIRONMENT & CONSERVATION
COOKEVILLE FIELD OFFICE

Type of permit you are requesting: ☐ SOPCD0000 (designed to discharge) ☐ SOPC00000 (no discharge) ☐ Unknown, please advise
Application type: ☐ New Permit ☐ Permit Reissuance ☒ Permit Modification
If this NOI is submitted for Permit Modification or Reissuance provide the existing permit tracking number SOPC001

OPERATION IDENTIFICATION

SOPC00177

Operation Name: <u>Carey Garner</u>		County: <u>Pickett</u>
Operation Location/ Physical Address: <u>9919 Hwy 111</u> <u>Byrdstown, TN 38549</u>		Latitude: <u>36.617671</u>
		Longitude: <u>85.093308</u>
Name and distance to nearest receiving water(s): <u>Approximate 1,220' away from Unnamed Trib. of Lick Creek</u>		
If any other State or Federal Water/Wastewater Permits have been obtained for this site, list those permit numbers:		
Animal Type: <input checked="" type="checkbox"/> Poultry <input type="checkbox"/> Swine <input type="checkbox"/> Dairy <input type="checkbox"/> Beef <input type="checkbox"/> Other _____		
Number of Animals: <u>80,000</u>	Number of Barns: <u>4</u>	Name of Integrator: <u>Equity Group</u>
Type of Animal Waste Management: (check all that apply) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Liquid <input type="checkbox"/> Liquid, Closed System (i.e. covered tank, under barn pit, etc.)		
Attach the NMP <input checked="" type="checkbox"/> NMP Attached	Attach the closure plan <input checked="" type="checkbox"/> Closure Plan Attached	Attach a topographic map <input checked="" type="checkbox"/> Map Attached

PERMITEE IDENTIFICATION

Official Contact (applicant)		Title or Position		<input checked="" type="checkbox"/> Correspondence <input checked="" type="checkbox"/> Invoice
<u>Carey Garner</u>		<u>owner</u>		
Mailing Address: <u>9919 Hwy one eleven</u>		City: <u>Byrdstown</u>	State: <u>TN</u> Zip: <u>38549</u>	
Phone number(s): <u>931-239-2292 - 2291</u>		E-mail:		
Optional Contact: <u>Steven Gray</u>		Title or Position: <u>Soil Conservation Tech(Pickett SCD)</u>		<input checked="" type="checkbox"/> Correspondence <input type="checkbox"/> Invoice
Address: <u>105 South Main Street</u>		City: <u>Byrdstown</u>	State: <u>TN</u> Zip: <u>38549</u>	
Phone number(s): <u>931-864-3849</u>		E-mail: <u>steven.gray@tn.nacdnet.net</u>		

APPLICATION CERTIFICATION AND SIGNATURE (must be signed in accordance with the requirements of Rule 0400-10-05-.14)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and title, print or type	Signature	Date
<u>Carey Carey Garner owner</u>	<u>Carey Garner</u>	<u>3-15-17</u>

STATE USE ONLY

Received Date	Reviewer	EFO	T & E Aquatic Fauna	Tracking No.
	Impaired Receiving Stream	High Quality Water		NOC Date

CAFO NOTICE OF INTENT INSTRUCTIONS

Background. All operations defined as CAFOs (concentrated animal feeding operation) must seek coverage under a permit. Operations that meet the Class II size criteria (TDEC Rule 0400-40-05-.14) and that discharge or that propose to discharge (...if designed, constructed, operated or maintained such that a discharge will occur) need coverage under the General State Operating Permit (SOP) for Concentrated Animal Feeding Operations. Permit Number SOPCD0000. Operation meeting the size criteria for either a Class I or Class II operation that do not discharge and that do not propose to discharge, but otherwise meet criteria in state rules need coverage under the General State Operating Permit (SOP) for Concentrated Animal Feeding Operations (CAFOs), Permit Number SOPC00000. AFOs (animal feeding operations) meeting or exceeding the size thresholds in column I of table 0400-40-05-14.1 are considered large (Class I) CAFOs. Class I CAFOs that propose to discharge must apply for an individual NPDES permit (application forms are available at: <http://www.state.tn.us/environment/permits/h2oforms.shtml>). All other CAFOs must apply for a state permit using this form. This form must be submitted at least 180 days before a CAFO commences operation.

Complete the form. Type or print clearly, using black or blue ink; not markers or pencil. Answer each item or enter "N/A," for not applicable. If you need additional space, attach a separate piece of paper to the NOI. Applicants must submit a NMP (Nutrient Management Plan), and a closure plan along with this NOI. **The application will be considered incomplete without supplying all of the required information.**

Operation Identification. Describe and locate the project, use the legal or official name of the facility or site. Provide the latitude and longitude (expressed in decimal degrees) of the center of the site, which can be located on USGS quadrangle (i.e. topographic) maps. Topographic maps may be obtained at the USGS website: <http://store.usgs.gov>. Attach a copy of a portion of a 7.5 minute quad map (i.e. 1:24,000-scale topographic map), showing location of site, with boundaries at least one mile outside the site boundaries.

Permittee Identification. **Official Contact** – Provide the name, telephone number, address, and E-mail address of the person or corporation which proposes to operates or operates and/or profits from this AFO. **Facility Contact** – Provide the name, telephone number, address, and E-mail address of the person most familiar with the operation and with the facts reported in the NOI. This person may be contacted by the division, if necessary. Indicate where to send correspondence and invoices.

Fees. There is no application fee for this permit. An annual maintenance fee may be required and you will be invoiced at a later date.

Submitting the form and obtaining more information. Note that this form must be signed by the chief executive officer, owner, or highest ranking elected official. Submit a complete application to both the Tennessee Department of Agriculture (TDA) and to TDEC-WPC; keep a copy for your records. Original documents should be sent to TDEC-WPC and a copy should be sent to TDA, at the addresses below:

CAFO Notice of Intent TDEC Division of Water Resources William R. Snodgrass - Tennessee Tower 312 Rosa L. Parks Avenue, 11 th Floor Nashville, TN 37243	CAFO Notice of Intent Water Resources TDA-Ellington Agricultural Center PO Box 40627 Nashville, TN 37204
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Upon receipt of the required items the division will conduct a review of the material, and notify the applicant of any deficiencies. Notification may also come from the Tennessee Department of Agriculture, which reviews the NMP. When all the deficiencies have been corrected, the division will process the NOI and issue permit coverage.

The division has the right to inspect a facility when deemed necessary. In addition, the division has the right to revoke or suspend any permit for violation of permit conditions or any other provisions of the Tennessee Water Quality Control Act and other water pollution control rules.

The division is responsible for regulating any activity, which involves a potential discharge in order to protect waters of the State from pollution and to maintain the highest possible standards in water quality.

Obtaining more information/assistance For more information or assistance, contact your local Environmental Field Office (EFO), toll-free, at 1-888-891-8332 (TDEC) or at the number listed below.

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	540 McCallie Avenue STE 550	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave	Cookeville	38506	(931) 432-4015
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000

Nutrient Management Plan - Poultry

For Use by Farms

Exporting 100% of Litter Generated

1. Farmer/ Producer Information

Is ALL Litter Hauled Offsite*

*If the answer is "No," do not complete this form.

Yes	No
Please circle one	

First Name: Carey

Last Name: Garner

Farm/ Operation Name: Garner Poultry Farm

Tennessee County: Pickett

2. Volumes and Calculations

Poultry Type:

Broiler	Pullet	Layer
circle the type(s)		

Key

A Number of birds per house per grow-out: 20000

B Number of Houses: 4

C Number of Grow-Outs / Year: 5

D Average Weight of Litter Produced (lbs.)/ Bird / Grow-Out (see Table at right or use your farm average if known) 2.4

The amount of litter removed from a poultry house will vary depending on the litter moisture content, type and size of birds, and length of time birds are kept in house. Below is a Table summarized from the NRCS Poultry System Calculator V10.0 to assist in placing the litter amount produced per bird and assist in litter calculations.

Type of Bird	Market/ Mature Weight (lbs)	Avg. Weight of Litter Produced (lbs)/ Bird / Grow-Out
Broilers	small (3.8 - 5 .8)	2.1
	large (5.9 - 7+)	2.4
	8 - 12	8
Pullet	5.5	3

Take **Bolded** Letters in **Key** Column Above and Below to Assist in Calculating Values Below

Number of Birds per Grow-Out = A x B = 80000

Number of Birds Example: If A = 22,000 and B= 2 and C= 5.5 then:
22,000 X 2 = 44,000 number of birds

KEY

E Number of Birds per Year = A x B x C = 400000

Number of Birds per Year Example: If A = 22,000 and B= 2 and C = 5.5 then:
22,000 x 2 x 5.5 = 242,000 number of birds per year

Total Tons of Litter Produced per Year on the Farm = E x D / 2,000 = 480

Tons of Litter Produced Example: If E = 242,000 and D = 2.1 lbs. then:
242,000 x 2.1 lbs = 508,200 lbs. / 2,000 = 254 Tons

Tons of Litter Exported from Farm / Year 480

Nutrient Management Plan - Poultry Exporting 100% of Litter Generated

2. Litter Handling and Storage

Litter Storage Capacity

- a.** Storage Capacity within Poultry Houses (cu ft) 10,000 No. of Houses 4
 $\text{Length of poultry house (ft)} \times \text{Width of poultry house (ft)} \times \text{Height of litter (ft)} = \text{cubic feet of storage}$
- A.** Total capacity within poultry houses (cu ft) 40,000 cu ft
- b.** Storage Capacity within Litter Sheds (cu ft) 35,000 No. of Sheds 1
 $\text{Length of litter shed (ft)} \times \text{Width of litter shed (ft)} \times \text{Height of litter (ft)} = \text{cubic feet of storage}$
- B.** Total capacity within litter storage sheds (cu ft) 35,000 cu ft
- C.** Storage Capacity of Other Storage Areas, if Applicable (cu ft) /
- Total Litter Storage Capacity (make A + B + C)** 75,000 cu ft

Litter Computed from Manure Analysis (as is basis) ¹

¹ Manure analyses will be performed annually, and the results will be provided to all parties removing litter from my farm or operation.

Laboratory Name	House	Date of Analysis	Total N	P ₂ O ₅ ^a	K ₂ O ^b	Units
Waters	1-4	1-24-17	64.8	73.6	68.8	lbs./Ton
						lbs./Ton

^a Attach laboratory results. If a new facility, provide the source of the estimates used.

Notes:

- ¹ N = Nitrogen ^a P₂O₅ = Phosphorus Oxide ^b K₂O = Potassium Oxide
 If Phosphorus is expressed in analyses as Phosphorus (P), simply multiply P lbs. x 1.3 to convert to P₂O₅
 If Potassium is expressed in analyses as Potassium (K), simply multiply K lbs. x 1.2 to convert to K₂O

3. Litter Management

Dead birds will be disposed of according to State and local laws in a way that does not adversely affect ground water or create public health concern. All mortalities will be disposed of using:

<input checked="" type="checkbox"/> Composting	<input type="checkbox"/> Incineration	<input type="checkbox"/> Rendering	<input type="checkbox"/> Other
--	---------------------------------------	------------------------------------	--------------------------------

please circle one

¹ If rendering, include the name and address of renderer

Closure Plan

- At the event and time of production of this document closes, the following will be done in 360 days:
- Any litter/compost currently in storage at the time of closure will be removed and spread elsewhere according to the current NMP
 - All litter in houses will be removed and spread elsewhere according to the current NMP
 - The most current manure analysis performed by an accredited laboratory will be provided to anyone removing litter from the farm
 - All dead birds in the houses at the time of closure will be disposed of according to the NMP

Nutrient Management Plan - Poultry

Exporting 100% of Litter Concentrated

B. Best Management Practices/Conservation Practices

Best Management Practices/Conservation Practices for Production Areas

The following site-specific Best Management Practices (BMPs) and conservation practices will be implemented to minimize environmental impacts in production areas (*please indicate all that apply*). The design and implementation of the BMPs will meet minimum standards set in the NRCS Field Office Practice Standard and/or the NRCS Animal Waste Handbook.

- ☒ Buffer strips/filter strips
- ☒ Silt fencing, riprap, stone gabions, or other structural erosion control
- ☒ Maintain roads and heavy traffic areas
- ☒ Proper manure/litter storage (i.e. under cover, prevents runoff)
- ☒ Balanced diet/ration to prevent excessive nutrients in manure/litter
- ☒ Regular inspections and maintenance of structures and equipment
- ☒ General housekeeping (i.e. cleanup of waste/litter spills during transfers,
- ☐ Other (*please describe in detail below, or attach additional pages as needed*):

Diverting Liquid Waste

certification

- ☒ Uncontaminated stormwater runoff shall be diverted away from manure, litter, process wastewater, waste.
- ☒ Clean water will be diverted (if appropriate) from the production area.
- ☒ Please provide a narrative and/or description of how clean water will be diverted below:

Facility Maintenance

The following maintenance activities will be performed at the facility (*please indicate all that apply*):

- ☒ Regular equipment maintenance and repair of structures, equipment, and fences
- ☒ Remove litter and manure from soil, air, water, and wind that needed
- ☒ Regular cleaning practices such as manure removal, house cleaning, etc.
- ☒ Maintenance of vegetation (e.g. mowing, weeding, seeding)
- ☐ Other (*please describe in detail below, or attach additional pages as needed*):

If your facility has a separate Operation and Maintenance (O&M) Plan, please attach a copy.

Nutrient Management Plan - Poultry

Exporting 100% of Litter Generated

4. Checklist

Use this sheet to help ensure that you have included all required items in order for your CAFO application and Nutrient Management Plan to be approved. Please attach the following items to this worksheet to complete your CAFO permit application.

Forms

- ✓ ☐ Signed revised Notice of Intent Form
- ☐ Signed Declarations to Nutrient Management Plan

Maps

- ☐ Full color map of Farm/ Operation Showing the Location of Barns/ Houses, Compost Bins, Litter Storage Bins, Nearby Roads, Streams, Wetlands, etc.
- ☐ Full color topographical map of the Farm/ Operation showing property lines and location of poultry houses.

Manure Analysis

- ☐ All Soil Manure Analysis Report sent by an Accredited Laboratory

Mail complete packet to:

Heidi McIntyre-Walkusoski, Environmental Specialist
Elkington Agricultural Center - Holmsted Building
Nutrient Source and CAFO Programs
PO Box 40027
Madison, WI 53740

The completed packet can also be scanned and sent via electronic mail to: heidi.mcintyre@wisconsin.gov

5. Certification

I, the owner/operator, am certifying that I am the decision maker for this operation. I understand the requirements of the CAFO permit application packet and acknowledge that I am responsible for the implementation of the NMP and for maintaining all necessary records for the permit.

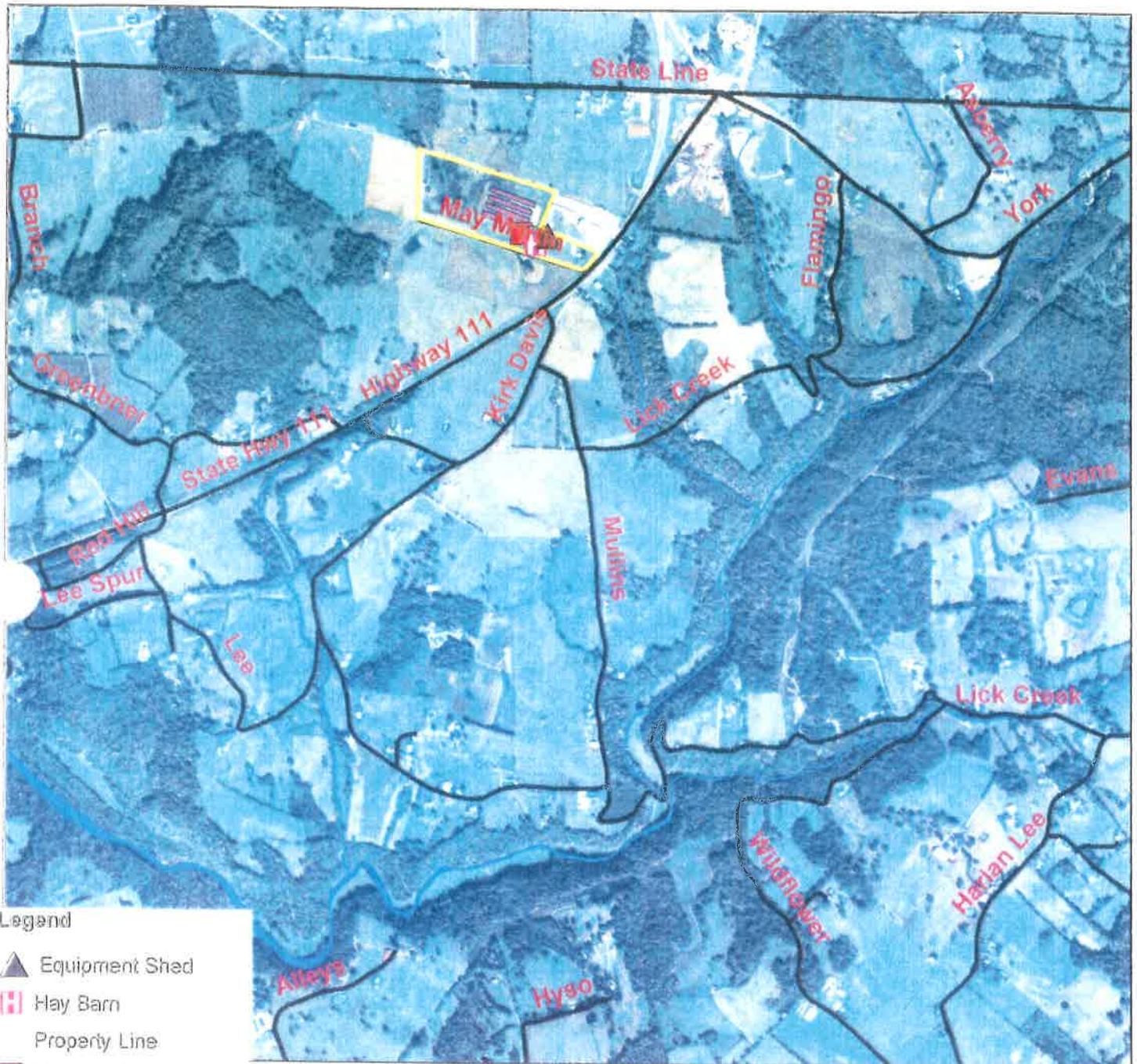
Signature: Clay Jones

Date: 8-15-15

Aerial Map

Date: 2/20/2015

Producer: Carey Garner
Garner Poultry Farm
Merrick County TN



Legend

-  Equipment Shed
-  Hay Barn
-  Property Line
-  Chicken House
-  Shavings Barn
-  Composter/ Litter Shed
-  County Boundary
-  Roads
-  Streams
-  Waterbodies
-  rivers

Legal Description:
36.617671
85.093308
Scale 1:20,000














Aerial Map

Date: 2/20/2015

Producer: Carey Garner
Garner Poultry Farm
Crocket County TN



Legend

-  Equipment Shed
-  Hay Barn
-  Property Line
-  Chicken House
-  Shavings Barn
-  Composter/ Litter Shed
-  County Boundary
-  Roads
-  Streams
-  Waterbodies
-  rivers

Legal Description:
36.617671
85.093308
Scale 1:5,000



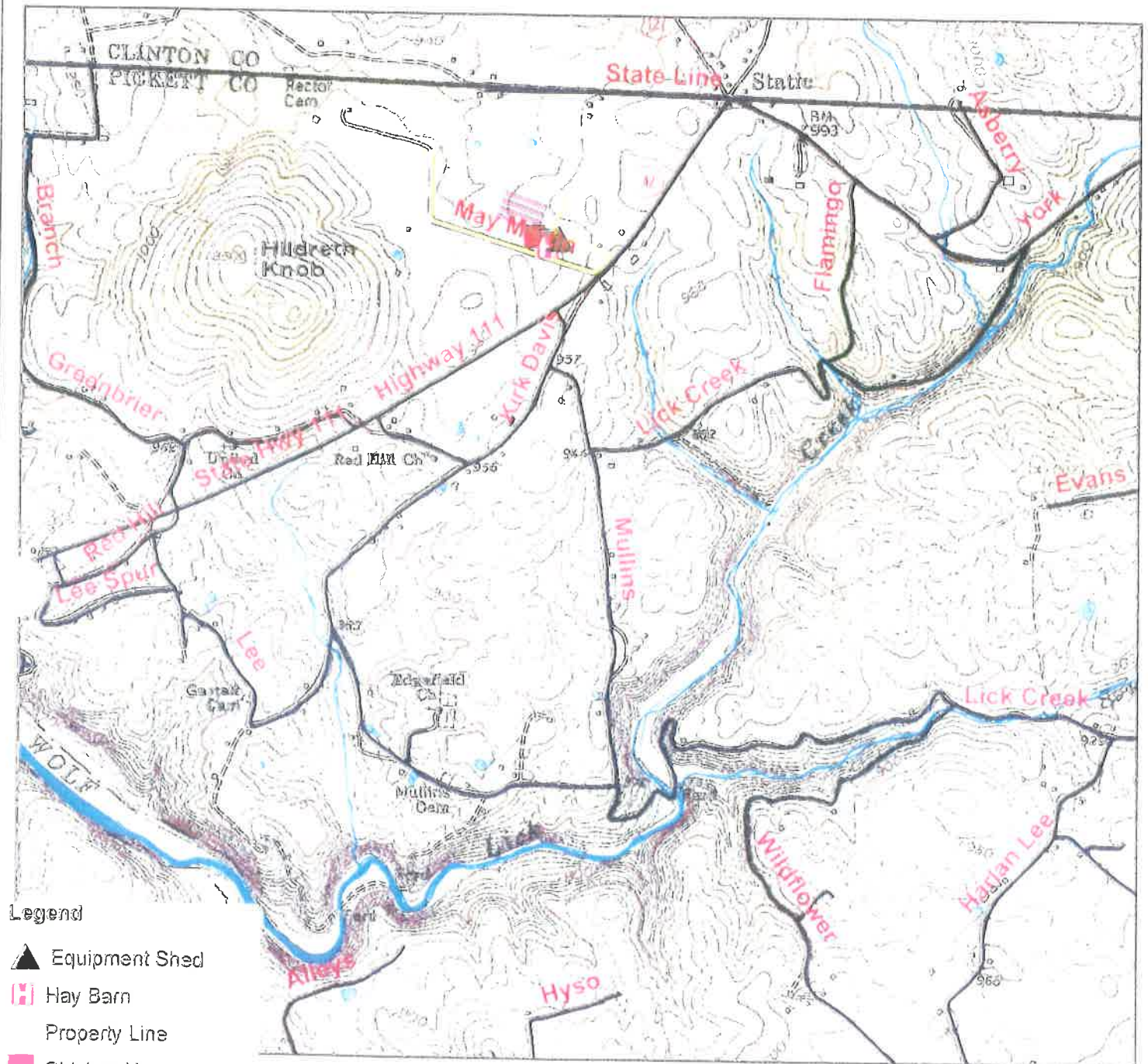
240 0 240 480 720 960
Feet



Topo Map

Date: 2/20/2015

Producer: Carey Garner
Garner Poultry Farm
Pickett County TN



Legend

- Equipment Shed
- Hay Barn
- Property Line
- Chicken House
- Shavings Barn
- Composter/ Litter Shed
- County Boundary
- Roads
- Streams
- Waterbodies
- rivers

Legal Description:

36.617671

85.093308

Scale 1:20,000

990 0 990 1,980 2,970 3,960 Feet



N




Topo Map

Date: 2/20/2015

Producer: Carey Garner
Garner Poultry Farm
ickett County TN

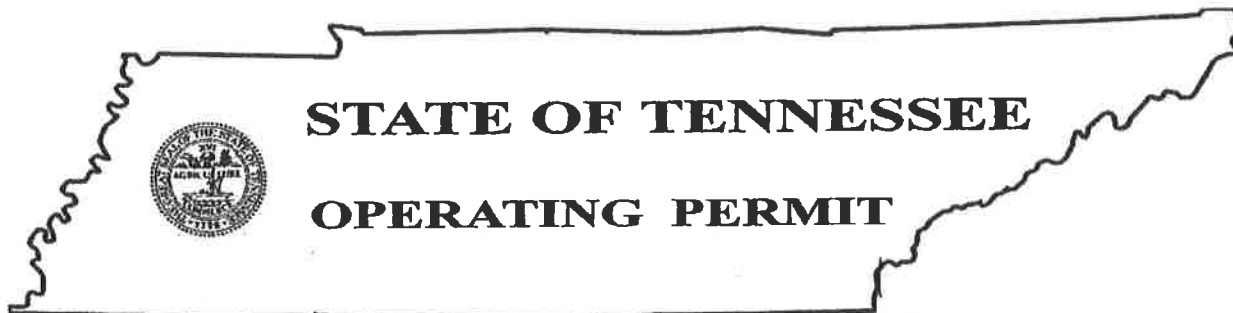


Legend

-  Equipment Shed
-  Hay Barn
-  Property Line
-  Chicken House
-  Shavings Barn
-  Composter/ Litter Shed
-  County Boundary
-  Roads
-  Streams
-  Waterbodies
-  rivers

Legal Description:
36.617671
85.093308
Scale 1:5,000





**GENERAL STATE OPERATING PERMIT
FOR
CONCENTRATED ANIMAL FEEDING OPERATIONS (CAFOs)**

**MODIFIED
PERMIT NO. SOPCE0000
(This Permit is for 100 percent waste export Poultry Operations only)**

Issued By

**State of Tennessee
Department of Environment and Conservation
Division of Water Resources
William R. Snodgrass – Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243**


In accordance with the provisions of Tennessee Code Annotated Section 69-3-108 and regulations promulgated pursuant thereto:

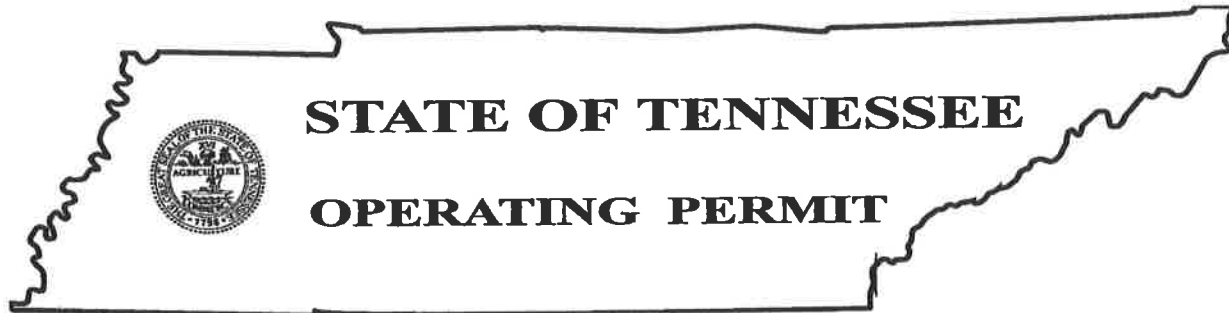
Permit SOPCE0000 authorizes the operation of concentrated animal feeding operations (CAFOs) that have not discharged and are not designed, constructed, operated or maintained such that a discharge could occur, in accordance with the requirements and conditions set forth herein.

This permit shall become effective on: **August 1, 2015**

This permit shall expire on: **July 31, 2020**

Issuance date: **July 30, 2015**


Tisha Calabrese-Benton, Director
Division of Water Resources



Permit Tracking No. SOPC00177

**Notice of Coverage for
General State Operating Permit for Concentrated Animal Feeding Operations (CAFOs),
Permit Number SOPCE0000**

Issued By
Tennessee Department of Environment and Conservation
Division of Water Resources
William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102

In accordance with the provisions of Tennessee Code Annotated Section 69-3-108 and regulations promulgated pursuant thereto:

Permittee: **Carey Garner**

is authorized: **to operate a concentrated animal feeding operation that does not discharge and that is not designed, constructed, operated or maintained such that a discharge could occur**

from a facility with: **80000 animals (poultry-broilers) grown for Equity Group**

located at: **9919 Highway 111 in Byrdstown, Pickett County, Tennessee**

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.

This notice of coverage shall become effective on: **August 28, 2015**

And shall expire on: **July 31, 2020**

Issuance date: **August 28, 2015**